

File 275:Gale Group Computer DB(TM) 1983-2003/May 19  
          (c) 2003 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/May 19  
          (c) 2003 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2003/May 19  
          (c) 2003 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2003/May 19  
          (c) 2003 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
          (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2003/May 19  
          (c)2003 The Gale Group  
 File 624:McGraw-Hill Publications 1985-2003/May 20  
          (c) 2003 McGraw-Hill Co. Inc  
 File 15:ABI/Inform(R) 1971-2003/May 20  
          (c) 2003 ProQuest Info&Learning  
 File 647:CMP Computer Fulltext 1988-2003/Apr W4  
          (c) 2003 CMP Media, LLC  
 File 674:Computer News Fulltext 1989-2003/May W3  
          (c) 2003 IDG Communications  
 File 696:DIALOG Telecom. Newsletters 1995-2003/May 19  
          (c) 2003 The Dialog Corp.  
 File 369:New Scientist 1994-2003/May W1  
          (c) 2003 Reed Business Information Ltd.  
 File 112:UBM Industry News 1998-2003/May 20  
          (c) 2003 United Business Media  
 File 813:PR Newswire 1987-1999/Apr 30  
          (c) 1999 PR Newswire Association Inc  
 File 810:Business Wire 1986-1999/Feb 28  
          (c) 1999 Business Wire  
 ? ds

Set	Items	Description
S1	4825921	TICKET? ? OR ENVELOPE? ? OR PACKAGE? ? OR MESSAGE? ? OR (E OR ELECTRONIC OR COMPUTER? OR INTERNET OR ONLINE OR ON()LINE)- ( )MAIL??? OR EMAIL???
S2	37166	SENDER? ? OR ADDRESSER? ? OR (SENDING OR ADDRESSING OR TRA- NSMITTING)() (PARTY OR PARTIES OR ENTITY OR ENTITIES OR PERSON? ? OR INDIVIDUAL? ? OR USER? ? OR CLIENT? ?)
S3	476815	RECIPIENT? ? OR RECEIVER? ? OR ADDRESSEE? ? OR RECEIVING()- (PARTY OR PARTIES OR ENTITY OR ENTITIES OR PERSON? ? OR INDIV- IDUAL? ? OR USER? ? OR CLIENT? ?)
S4	11846034	IDENTITY OR IDENTITIES OR ID OR IDENTIFICATION OR IDENTIFY- ING() (DATA OR INFORMATION) OR ADDRESS?? OR NAME? ? OR PERSON? ? OR INDIVIDUAL? ? OR USER? ? OR ENTITY OR ENTITIES OR PARTY - OR PARTIES
S5	5662027	ANONYM? OR PSEUDONYM? ? OR ALIAS?? OR MASK??? OR HIDDEN OR HID??? OR PRIVAT??? OR SECRET? OR CONFIDENTIAL? OR RESTRICT? - OR UNDISCLOS? OR CONCEAL? OR OBSCUR? OR OBFUSCAT? OR DISGUIS? OR UNREVEAL? OR PRIVILEGED
S6	600715	("NOT" OR T OR WITHOUT OR UN) (2W) (DISCLOS? OR REVEAL? OR I- DENTIF???? OR DIVULG? OR RELEAS? OR EXPOS?)
S7	1142	S2(5N)S5
S8	5397	S3(5N)S5
S9	306	S7(S)S8
S10	199	S1(S)S7(S)S8
S11	882653	ANONYM? OR PSEUDONYM? ? OR ALIAS?? OR MASK??? OR HIDDEN OR HID??? OR UNDISCLOS? OR CONCEAL? OR OBSCUR? OR OBFUSCAT? OR D- ISGUIS? OR UNREVEAL?
S12	369	S2(5N) (S11 OR S6)
S13	1350	S3(5N) (S11 OR S6)

S14	35	S12(S)S13
S15	77300	S4(5N)(S11 OR S6)
S16	102	S1(S)S2(S)S3(S)S15
S17	124	S14 OR S16
S18	91	RD (unique items)
S19	56	S18 NOT PD>19990326

19/3,K/1 (Item 1 from file: 275)  
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02266041 SUPPLIER NUMBER: 53691057 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
\*\*\*\*Dilbert Web Site Hacked By Alleged Spammer 02/01/99.

Newsbytes PM, NA

Feb 1, 1999

LANGUAGE: English

WORD COUNT: 823

RECORD TYPE: Fulltext

LINE COUNT: 00065

TEXT:

...disdain - except possibly Dogbert, Catbert and the pointy-haired boss - someone hacked into United Media's "Dilbert Zone" World Wide Web site to gain the e - mail addresses of people subscribed to the Web site's "List of the Day" (LOTD) feature. United Media's Universal Press Syndicate distributes the "Dilbert" comic...

...crack, she added. Last Friday, the hacker or hackers, more accurately known as a "cracker," apparently used the stolen list to create unsolicited commercially oriented e - mail , better known as "spam," to members of the list. The e - mail message informed users they had been signed up for a mailing list without their knowledge. In addition, they were invited to buy the list the cracker allegedly received from the site. Members of the LOTD list received a spam message , stating: "Hello, This is the ONElist Mailing List Communities service. You have been added by the moderators to the following list: lotd-secrets. (You are receiving this email because you have contributed to the Dilbert List of the Day sometime during the last 2 months)." The message continued: "Dear Dilbert LOTD contributor, How did I get your e - mail address? The same way you can get the e - mail address of any LOTD contributor! Yes, you can now see LOTD contributors' e - mail addresses (the ones United Media says they keep in confidence!) right alongside their nicknames and entries... and not just for the last 5-6 days, or even the last 2 months, but all the way back to March 30th, 1998!" The person sending the message then listed a Web uniform resource locator (URL), where recipients are directed to an order form where they can buy addresses for the new mailing list with a credit card charge of \$5. The sender pointed out the service used to bill users' credit cards, Online Billing Services (OBS), was in no way affiliated with the e - mail . The alleged spammer or spammers also indicated they were not affiliated with United Media. Then to make money off of the alleged stolen LOTD list of e - mail addresses, the alleged cracker/spammer used come-ons like, "Find out who Smartacus is! Send email directly to Bizzaro! Unveil Lecherous Leroy, Buffbabe, and more," with each capitalized name representing the alias of a LOTD member. Apparently, the cracker started the list through the free Web-based ONElist e - mail community service, where Netizens can start and manage new communities, or subscribe to existing communities. The cracker then apparently added LOTD members to the list...

...s page at the OBS site, was not answered by Newsbytes' PM Edition deadline. Newsbytes reader John Pilge of Soquel, Calif., said he received the e - mail Friday evening while in the middle of an online session. The message was apparently sent out just once, as Mr. Pilge said he received only one spam piece of e - mail . "My hope is that the spammer... will not gain from his efforts at cracking and spamming," Pilge said in an e - mail -based interview. Pilge is also critical of United Media. "I trusted them," he said. "I actually gave them my real e - mail address each time I added a comment to the list of the day. I cannot trust them anymore. Aside from a few messages that say the list is down, try again later, they have not

mentioned anything about improved security (or) deleting the database of e - mails , nor have they taken any action against the spammer." But his faith is not shaken in the comic strip, where management is clueless and cubicle...

19/3,K/2 (Item 2 from file: 275)  
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02198377 SUPPLIER NUMBER: 20918344 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
\*\*\*\*Washington Anti-Spam Law Works, Man Collects \$200.  
Newsbytes, n141, pNEW07160025  
July 16, 1998  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 797 LINE COUNT: 00065

... do so under the Netizens Protection Act.  
Earlier this week, a report released by the US Federal Trade Commission (FTC) recommended that senders of junk e - mail , or spam, should not be allowed to use false, or disguised return addresses which prohibit the recipient from responding directly to the junk mail sender

While the report recommends further restrictions on unsolicited e-mailers, the report, citing First Amendment concerns by the ACLU, the Direct Marketing Association and other...

19/3,K/3 (Item 3 from file: 275)  
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02197291 SUPPLIER NUMBER: 20910526 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
\*\*\*\*FTC Coalition Seeks To Cut Down On Spam.  
Newsbytes, n139, pNEW07140035  
July 14, 1998  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 839 LINE COUNT: 00069

... coalition of companies and organizations ranging from American Online and AT&T to the Direct Marketing Association and the American Civil Liberties Union, recommended that senders of junk e - mail , or "spam," should not be allowed to use false, or disguised return addresses which prohibit the recipient from responding directly to the junk mail sender . Most junk e - mailers hide their true online identity to avoid being "spammed" themselves by thousands of complaints from those receiving the unwanted and unsolicited e - mail , generally asking the recipient to respond to a Web site.

"If every business that was sending out unsolicited commercial e-mail had to hear back from all the 300...

19/3,K/4 (Item 4 from file: 275)  
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02172344 SUPPLIER NUMBER: 20494843 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Big plans for Big Blue. (IBM develops software based on Windows NT)  
(Company Business and Marketing)  
Fawcett, Neil

Computer Weekly, p36(2)

April 2, 1998

ISSN: 0010-4787

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1777

LINE COUNT: 00135

... move around various devices.

IBM cites advantages of Tspaces. Data is dc-coupled from programs: it can outlive its producer and be produced before the **receiver** exists.

Communication is **anonymous**: the **sender** need not know about the receiver, and vice-versa. They only need to know about tuple space, which mediates all communication.

Communication is asynchronous: the...

**19/3,K/5 (Item 5 from file: 275)**

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02118479 SUPPLIER NUMBER: 19979607 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**New frontier for Java. (security architecture in Java Development Kit 1.2)**

**(Company Business and Marketing)**

Kerstetter, Jim; Moeller, Michael

PC Week, v14, n47, p16(1)

Nov 10, 1997

ISSN: 0740-1604

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 588

LINE COUNT: 00050

... it is being sent and automatically decrypts it as it is being downloaded on the receiver's desktop.

The encryption process happens automatically and is **hidden** from both the **sender** and **receiver**. Critical for that to work, however, will be digital signatures that authenticate both the sender and the receiver.

JCE 1.2 also supports Secure Sockets...

**19/3,K/6 (Item 6 from file: 275)**

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02114736 SUPPLIER NUMBER: 19932183 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**America Online Escalates War On Spam.**

Newsbytes, pNEW10290046

Oct 29, 1997

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 435

LINE COUNT: 00036

... the most common ways junk e-mailers acquire screen names, among other bits of information.

For parents who want to protect their kids from junk **e-mail** and **e-mail** from unknown sources, AOL already has in place Parental Controls that enable parents to create an approve/deny **e-mail recipient** and **sender** lists for their children's online **aliases**, or screen **names**.

AOL's Mail Control and information on junk e-mail is available at Keyword: Junk Mail.

AOL's Web site is at <http://www.aol...>

**19/3,K/7 (Item 7 from file: 275)**

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02102041      SUPPLIER NUMBER: 19765583      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Mustang rounds up E-mail. (Mustang Software Internet Message Center)  
(Software Review) (Evaluation)

Kramer, Matt

PC Week, v14, n39, p71(1)

Sep 15, 1997

DOCUMENT TYPE: Evaluation      ISSN: 0740-1604      .LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 729      LINE COUNT: 00060

ABSTRACT: Mustang Software's \$1,500-per-server Internet **Message** Center (IMC) acts like a call center for **E - mail**, simplifying internal routing and improving responses to customer requests. Tests show it reliably redirects mail coming into **alias addresses** such as 'marketing' to appropriate **recipients**, but its two-step process for distributing and reading mail can be convoluted. The **package** consists of an IMC Service server that runs under Windows NT and communicates with respondents and an IMC Agent program on each respondent's PC. Receiving an incoming **message** requires running the IMC Agent software to determine if the Service has sent any **messages**; the **messages** are then forwarded to the **E - mail** address of a specific user and require bringing up an **E - mail** client. Installation is very easy, and the program does a good job of tracking **message** status. It generates tracking numbers that let **senders** check the status of their inquiries. A pool of software agents effectively handles requests for a particular alias.

19/3,K/8      (Item 8 from file: 275)

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02092615      SUPPLIER NUMBER: 19682452      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Secure e-mail. (S/MIME e-mail utilities from Frontier Technologies, ConnectSoft, OpenSoft, Baltimore Technologies, Netscape and Deming Internet Security) (includes related articles on the editors' choice, anonymous remailers and the performance tests) (Your Personal Internet) (Software Review) (Cover Story) (Evaluation)

Canter, Sheryl

PC Magazine, v16, n15, p171(4)

Sep 9, 1997

DOCUMENT TYPE: Cover Story Evaluation      ISSN: 0888-8507      LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2793      LINE COUNT: 00222

... we tested (not including WorldSecure Client), only ConnectSoft's E-Mail Connection passed the tests.

Related article: Yours Truly, Anonymous

S/MIME offers security to **e - mail recipients** by providing a way to verify the **sender**'s identity. But what if the **sender** prefers to remain anonymous? Anonymous remailers let you send **e - mail** and post **messages** to newsgroups **without revealing your identity**.

Basically, **anonymous** remailers are free services that strip off identifying header information before sending a **message** on its way. You send your **message** via the remailer, and the remailer takes care of the rest.

There are two types of anonymous remailers: pseudo-anonymous and anonymous. Pseudo-anonymous remailers...

...of the remailer operator, who knows both your identity and the

recipient's identity. The operator could be forced by court order to reveal your **identity** .

Truly **anonymous** remailers fall into two categories: Cypherpunk remailers and Mixmaster remailers, the latter being more secure. Both use two or more hops between the source and...

...does not know the destination, and the operator at the last hop does not know the source. Mixmaster remailers further prevent monitoring by parsing all **messages** into packets of equal size, which are reassembled at the final hop before going on to their final destination.

As Internet e-mail grows in...

19/3,K/9 (Item 9 from file: 275)  
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02085150 SUPPLIER NUMBER: 19613932  
**Bypass e-mail gateways with Tumbleweed Posta. (Tumbleweed Software's document delivery software) (Software Review) (Evaluation)**  
Ryan, Pat  
InfoWorld, v19, n29, p60F(1)  
July 21, 1997  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English  
RECORD TYPE: Abstract

ABSTRACT: Tumbleweed Software's \$3,999 Posta document delivery software performs reliably and gives users the ability to track **E - mail messages** , but it is probably not necessary for casual exchanges. Posta places most of the burden on the **sender** 's server, which holds the **message** to be sent. The server sends the **recipient** an **E - mail** that provides the URL of the stored document. Users can then paste the URL into their browsers and go to the stored document. The program...

...the software using the changes described in the documentation. The software also takes over the name of the server on which it is installed, although **users** may edit the domain **name alias** in with the Internet Information Server. The elegant interface and security features are excellent.

19/3,K/10 (Item 10 from file: 275)  
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02043940 SUPPLIER NUMBER: 19143342 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Lesson 103: e-mail and SMTP. (Internet/Web/Online Service Information)**  
Chae, Lee  
LAN Magazine, v12, n3, p27(2)  
March, 1997  
ISSN: 1069-5621 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2048 LINE COUNT: 00152

... that services the recipient specified in the Rcpt To e-mail address.

If at any point along the way an MTA can't deliver the **e - mail** --for whatever reason (for instance, if it can't **identify** the **recipient address** ), it generates an error report, also known as an undeliverable mail notification. The MTA uses MTAs identified in the return path to relay the error report back to the original **sender** .

SOME IMPORTANT FOOTNOTES  
SMTP can handle only messages containing the 7-bit ASCII text defined  
in RFC 822. This means that alone, SMTP is ill...

19/3,K/11 (Item 11 from file: 275)  
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01978517 SUPPLIER NUMBER: 18665869 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Finnish Anonymous Internet Remailer Closed.**  
Newsbytes, pNEW09030048  
Sep 3, 1996  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 753 LINE COUNT: 00062

The service accepted **e - mail** from users, stripped out all identity  
of the original **sender** and mailed it onto the **recipient**, replacing the  
**sender**'s real **address** with an **anonymous address** on the system. The  
recipient could send mail back, but only via the **anonymous address** so  
the **sender**'s **identity** was kept secret.

With half a million registered accounts, the service was the most  
popular of its kind in the world and used for numerous...

19/3,K/12 (Item 12 from file: 275)  
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01797192 SUPPLIER NUMBER: 17015107 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Anonymity has its place. (questions concerning on-line anonymity arise) (Law  
& Technology) (Column)**  
Ubois, Jeff  
MIDRANGE Systems, v8, n8, p28(1)  
April 28, 1995  
DOCUMENT TYPE: Column ISSN: 1041-8237 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 645 LINE COUNT: 00057

...ABSTRACT: raised calls for eliminating anonymity online, particularly  
on the Internet, but now new networking technologies seem to be taking  
anonymity to new levels. Any Internet **E - mail user** can achieve  
**anonymity** by using remailers to strip **sender** ID information from  
**messages** and to forward these **messages**. A popular remailer operating in  
Finland assigns **pseudonyms** to its **users** so that **recipients** can reply  
to **messages**. The system, which essentially functions as a mail forwarding  
system, handles about 7,000 **messages** per day and operates outside US  
jurisdiction. Encrypted **messages** can be sent through several remailers to  
guarantee anonymity. Anonymity provides the privacy, security and  
confidentiality necessary for keeping freedom alive under repressive  
governments, but...

... forward those messages on to their intended recipients.

One of the most popular remailers, located in Finland, is operated by  
Johan Helsingius. This remailer assigns **pseudonyms** to its **users** so that  
**message recipients** can reply to the original **sender** -- think of it as  
a mail forwarding service. Helsingius' system now handles about 7,000  
**messages** a day, and its location puts it beyond the control of U.S.  
authorities.

For the truly paranoid, encrypted messages can be sent through several  
...

19/3,K/13 (Item 13 from file: 275)  
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01615373 SUPPLIER NUMBER: 14207743 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Communications privacy: implications for network design.**  
Rotenberg, Marc  
Communications of the ACM, v36, n8, p61(8)  
August, 1993  
ISSN: 0001-0782 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 7065 LINE COUNT: 00594

... and existence is known only to the parties to the communication.  
Assuming that a communication is confidential, subsequent disclosure can be  
attributed to either the **sender** or the **recipient** of the **message**.  
Where a communication occurs between multiple parties, the expectation of  
confidentiality may be diminished as it is more difficult to determine who  
is responsible for...

19/3,K/14 (Item 14 from file: 275)  
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01594651 SUPPLIER NUMBER: 13717289 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The Windows Sources catalog. (catalog to software packages in seven  
categories) (Buyers Guide)**  
Dennis, Kathryn  
Windows Sources, v1, n4, p495(15)  
May, 1993  
DOCUMENT TYPE: Buyers Guide ISSN: 1065-9641 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 11017 LINE COUNT: 00951

... VINCI, 919-781-5924 Fax: 919-787-3550 \$99  
Requires: 1.2MB RAM  
Uses MHS to enable users in distant locations to send and receive  
**messages** and files with office personnel. Optionally allows any gateway on  
LAN to be available to remote users. Creates local alias to represent  
remote user and encrypts **e - mail message** with password known only to  
**sender** and **receiver**.  
DEC MAILworks for Windows  
DIGITAL EQUIPMENT CORP. 800-332-4636, 508-493-5111 Fax: 508-493-8780  
\$550 per user  
Requires: 4MB RAM, 4.5MB...

19/3,K/15 (Item 15 from file: 275)  
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01451398 SUPPLIER NUMBER: 11361947 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Lotus's Open Messaging Interface. (Lotus Development Corp.)**  
RELease 1.0, v91, n9, p3(5)  
Sept 30, 1991  
ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2511 LINE COUNT: 00189

TEXT:

...to point out, is lack of support for the full (proprietary) facilities of any single one. Specifically, he says, OMI doesn't support OLE within **message** bodies, just in attachments. Nor does it support forthcoming security features of Windows (how could it?). What you see isn't what I see The...

...Open Messaging Interface, for example, there are three forms in which it will be available (if Lotus's crusade works): \* as part of a mail **package** such as Notes or cc:Mail, callable both by its own user agent and by other applications and user agents; \* as part of an operating...

...started early this year when Lotus started to build a consistent interface for the mail engines within cc:Mail and Notes, as well as the **message** manager it is developing for IBM within OS/2. That would allow its other applications, 1-2-3, Ami Pro and Freelance, as well as...s Object Request Broker (ORB) is itself a network/operating system-type service: It manages dynamic binding of methods (code) to objects, the flow of **messages** among objects and transfers **messages** to and from remote systems. It may itself call upon both kernel services and other objects, such as a database that manages names, code modules or system locations, to perform its tasks. The Object Request Broker also decrees interface specs, defining how **messages** should be addressed, how selection parameters should be expressed and so on for any ORB to handle them. There will be multiple implementations of the ORB for each platform/OS combination. Thus the ORB is not an operating system, but a **message** -manager that sits on top of a variety of operating systems (and partly takes away the proprietary advantages of any OS). It also handles dynamic...

...you look at the announcement carefully, you can see it's a UNIX kernel plus object-oriented user interface tools plus ToolTalk, a cross-platform **message** -handling system (sort of a precursor to the ORB). But most of the object-oriented modules that ToolTalk will allow you to use will come...

...implementation of the Open Messaging Interface (a front-end to the existing UNIX mail server). OMI - interface for a mail broker While the ORB handles **messages** among objects, OMI mail services handle the larger-scale **messages** that people send to each other. However, there's more similarity than one might think at first, and agents for humans will increasingly get into the act, both as **recipients** and **senders** of **messages**. (See the discussions of Beyond Mail and Wiji; Release 1.0, 11-90.) A **message** might be sent to an application requesting a certain set of data, or an application might check some data periodically and send a user a **message** when it reached certain values (or ratios). But these **messages** typically have a human at one end or the other, as opposed to object-oriented **messages** between applications. Client-side tasks The OMI spec is an interface both to server tasks of **e-mail**, such as transport, remote delivery or address resolution, and to client-side tasks. (1) Client-side (or user-agent) tasks include local storage and classification of **messages** in "folders;" address-book management of a database of **names**, **aliases** and **addresses**, optionally extendable to include parameters such as interests of a **recipient**, group membership, rank, customer priority or whatever matters to a user; tickler files; and forwarding in the user sense. (On the server, "forward" means moving a **message** from mail-server to mail-server; at the client, it means, say, "Take this **message** addressed to me and send it on to Juan and copy it to Alice.) Any application can take advantage of these generic services without bothering ...

19/3,K/16 (Item 16 from file: 275)  
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01315495 SUPPLIER NUMBER: 07942464 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The best of all worlds: Consumers Software Inc., PC Postoffice, \$875 (for 4-user system). (Software Review) (one of five evaluations of private electronic mail programs) (evaluation)**  
Van Name, Mark L.; Catchings, Bill; Tracy, Martha  
PC Week, v6, n48, p65(2)  
Dec 4, 1989  
DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 606 LINE COUNT: 00049

... messages can either display these attachments from within Modem Mail or store them in DOS files.

PC Postoffice supports both private and public mailing lists.  
**Message senders** can select **recipients** from a menu of known **users**.  
**User aliases** can make it even easier to address **messages**.

When the central PC Postoffice's user list changes, it can update the user list on each remote Modem Mail system.  
PC Postoffice also offers...

19/3,K/17 (Item 17 from file: 275)  
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01246575 SUPPLIER NUMBER: 06617088 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Citicorp takes the lead in addressing E-mail security. (electronic mail) (Connectivity section)**  
Kramer, Matt  
PC Week, v5, n35, pC1(2)  
Aug 29, 1988  
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 850 LINE COUNT: 00069

...ABSTRACT: signatures to verify the identity of a message sender, and a 'double-envelope' so that a sender can place one message in another and so **hide the recipient's identity**. Citicorp's use of MailSafe is reviewed.  
... password; now there will be very convincing evidence of someone's identity."

The new standards also provide for such opinion as "double enveloping," enabling a **sender** to place a **message** inside another **message** in order to **hide** the intended **recipient's identity**, according to Mr. White.

Encryption has become a priority for Citicorp's Citimail internal E-mail service for the bank and its international subsidiaries. With...

19/3,K/18 (Item 18 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01236915 SUPPLIER NUMBER: 06161628 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Tech releases: Connections. (new microcomputer communications equipment) (column)**  
PC Tech Journal, v6, n1, p38(3)  
Jan, 1988

DOCUMENT TYPE: column ISSN: 0738-0194 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 1187 LINE COUNT: 00096

... use of modems. Async/APPC is compatible with all other NSA LU6.2 products. \$285.

Support for Microsoft Windows/386 for the Network Courier, an electronic mail system, has been announced by Consumers Software, Inc. The Network Courier features support for as many as 150 users per post office, automatic address list exchange for sharing local user address lists with other networks within a company, support for **aliases** and group **names**, notification to **sender** when the **message** has been read by **receiver**, access by remote PC users, and adherence to CCITT X.400 protocol. The Windows/386 version of Network Courier allows users of character and graphics-based applications to coexist and share **messages** and files on the same LAN. The user is notified of mail as it arrives by the appearance of a flashing mail icon. Even **messages** originating on external systems, such as IBM Profs or other remote Network Courier LAN, give instant notification of arrival. Single-copy, 6-user version, \$295...

19/3,K/19 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2003 The Gale Group. All rts. reserv.

01062364 Supplier Number: 40272105 (USE FORMAT 7 FOR FULLTEXT)  
**TECHNOLOGY OF THE TELE: TWO-LENS SYSTEM ADDS PICTURE-TAKING EASE TO NEW**

**KODAK S900 TELE CAMERA**

News Release, p1  
Jan 21, 1988

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 916

... actuation of  
the shutter release.

\* The camera automatically senses film ISO speed with DX coded film magazines.

\* The S900 tele camera's auto focus infrared **sender** and **receiver** are **hidden** by a tinted polycarbonate window on the face of the camera to help protect them from dust or other foreign matter.

\* The S900 tele camera...

19/3,K/20 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03921816 Supplier Number: 50154367 (USE FORMAT 7 FOR FULLTEXT)  
**\*\*\*\*FTC Coalition Seeks To Cut Down On Spam 07/14/98**

Pietrucha, Bill  
Newsbytes, pN/A

July 14, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newswire; General Trade

Word Count: 795

... coalition of companies and organizations ranging from American Online and AT&T to the Direct Marketing Association and the American Civil Liberties Union, recommended that **senders** of junk **e - mail**, or "spam," should not be allowed to use false, or **disguised** return **addresses** which prohibit the **recipient** from responding directly to the junk mail **sender**. Most junk **e - mailers** **hide** their true online **identity** to avoid being "spammed" themselves by thousands of complaints from those receiving the unwanted and unsolicited **e - mail**, generally asking the **recipient** to respond to a Web site.

"If every business that was sending out unsolicited commercial e-mail had to hear back from all the 300...

19/3,K/21 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03903088 Supplier Number: 50084596 (USE FORMAT 7 FOR FULLTEXT)

**NEW MEDIA**

Communications Daily, v18, n117, pN/A  
June 18, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 618

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

Thousands of daily junk **e - mails** threaten to congest Internet, force construction of new networks and raise cost of using service for consumers, Senate Communications Subcommittee hearing Wed. was told by lawmakers and panelists. Panelists generally agreed that unsolicited bulk **e - mail**, which they said represents 30% of all **e - mail** traffic, is among "most serious" issues facing Internet. They also expressed concern that many spammers **hide** their **identities**, falsify return **addresses**, refuse to stop sending **e - mails** upon request. FTC Comr. Sheila Anthony said agency's **e - mail** basket where consumers can forward fraudulent junk **e - mail** has collected more than 100,000 **messages** and receives 1,500 daily. America Online Assoc. Gen. Counsel Randall Boe said "problem is not just that junk **e - mail** tends to promote hoaxes, scams and get-rich schemes, it is the sheer volume that confronts many users every time they open their mailbox." Another problem is that costs are paid by **receiver** -- not **sender** -- unlike traditional junk mail. Commercial **e - mailers** can send thousands of **messages** inexpensively and consumers bear cost through more time spent online or higher monthly charges. But lawmakers and panelists, while agreeing that spamming restrictions in antislamming...

...and Chmn. Burns (R-Mont.) agreed. Center for Democracy & Technology Council Deirdre Mulligan praised bill as good first step, but worried that "definition of commercial **e - mail** is overbroad and may unconstitutionally prohibit anonymous, noncommercial speech." Rep. Smith (R-N.J.), who testified, advocated more spamming curbs and promoted proposed Netizens Protection Act (HR-1748) that would extend antijunk fax law to spam. He was supported by Ray Everett-Church of Coalition Against Unsolicited Commercial **E - mail**. -----

19/3,K/22 (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03891034 Supplier Number: 50039663 (USE FORMAT 7 FOR FULLTEXT)  
-UPS: Innovative web resource to promote wider understanding and adoption  
of E-commerce solutions  
M2 Presswire, pN/A  
May 28, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1468

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...provides two distinct types of service. UPS OnLine Dossier is a unique double encryption process for maximum security from initial transmission to opening by the **receiver**, as well as authentication of **sender** and **receiver**. UPS OnLine Courier is a **sender**-driven service with multiple security options, works on the web site or as a client application, and requires no special software at the **receiver**'s computer. In addition, the UPS web site (www.ups.com) is a highly interactive site, allowing visitors to track **packages** and documents, calculate and compare shipping costs for the various UPS services, request a **package** pickup, order shipping supplies and determine the nearest drop-off location. UPS is the world's largest express carrier and **package** delivery company, offering an unmatched array of products and services. With headquarters in Atlanta, the company operates in more than 200 countries and territories, has...

...turn a web site into a powerful sales channel. Through hosting and transaction services like AT&T EasyWorld Wide Web, AT&T Enhanced Web Development **Package**, and AT&T SecureBuy Services, merchants have the ability to design and build basic or cutting-edge interactive sites, set up an electronic store or...

...The sites are hosted on IBM servers and IBM offers free site registration on 16 top search engines as well as support for custom domain **name** or site **alias**. Also available is IBM Net.Commerce, ...It features Web-based authoring, administration and customizing tools, has three pre-built sample stores with predefined catalog templates, and supports Domino Web server for **e-mail** and discussion groups, as well as messaging order fulfillment or confirmation of the order to the buyer. It is available in English, Spanish, French, German...

...customer service. Open Market and UPS joined together to develop an integrated logistics and fulfillment module called the UPS Logistics Gateway whereby users can prepare **packages** for shipment through an interface with UPS OnLine Professional shipping software and can track **packages** with a standard UPS tracking number or a reference number assigned when an order is placed. Transact customers have the option of licensing and operating...

19/3,K/23 (Item 4 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03738692 Supplier Number: 48084821 (USE FORMAT 7 FOR FULLTEXT)  
America Online Escalates War On Spam 10/29/97  
Woods, Bob  
Newsbytes, pN/A  
Oct 29, 1997

Language: English    Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 405

... the most common ways junk e-mailers acquire screen names, among other bits of information.

For parents who want to protect their kids from junk **e - mail** and **e - mail** from unknown sources, AOL already has in place Parental Controls that enable parents to create an approve/deny **e - mail recipient** and **sender** lists for their children's online **aliases**, or screen **names**.

AOL's Mail Control and information on junk e-mail is available at  
Keyword: Junk Mail.

AOL's Web site is at <http://www.aol...>

19/3,K/24        (Item 5 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03257119        Supplier Number: 46682459 (USE FORMAT 7 FOR FULLTEXT)  
**Finnish Anonymous Internet Remailer Closed 09/03/96**  
Newsbytes, pN/A  
Sept 3, 1996  
Language: English    Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 730

The service accepted **e - mail** from users, stripped out all identity of the original **sender** and mailed it onto the **recipient**, replacing the **sender**'s real **address** with an **anonymous address** on the system. The **recipient** could send mail back, but only via the **anonymous address** so the **sender**'s **identity** was kept secret.

With half a million registered accounts, the service was the most popular of its kind in the world and used for numerous...

19/3,K/25        (Item 6 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02841024        Supplier Number: 45760437 (USE FORMAT 7 FOR FULLTEXT)  
**Opportunities for mischief on the Internet**  
Computer Fraud & Security Bulletin, pN/A  
Sept 1, 1995  
Language: English    Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 889

Peter Neumann, SRI International. Abusive **messages**, deluge of **messages** \* Flame. To insult via an abusive **message**. If conferees take exception to what you say, you can get thousands of offensive **messages**. \* Spamming. This is posting or spraying out **messages** to every newsgroup or **E - mail** address, not unlike flinging canned meat into the blades of fan. This a breach of etiquette, and the electronic counterpart of junk mail. Slander, inflammatory...

...what you want in a Usenet Conference, but you may regret it. There is the pressure of 'public' opinion. For example, you may get a **message** with the salutation: Dear Clueless Idiot. Use your imagination; this is mild. Prodigy3 has what they call George Carlin4 software that finds **messages**

with objectionable words and warns those who sent them to erase them or their **messages** will be censored. Of course, it is possible to send objectionable material without using objectionable words. (Be fruitful and multiply, but not in those words.) Impersonation You can log on with another user's ID and authentication information and **recipients** of **messages** will mistake you for another. This can be done on any computer system, not just the Internet. Anonymity \* Good data security systems can link actions...

...to antisocial acts. Anonymity protects perpetrators who may fear reprisal or confrontation.<sup>5</sup> \* Temporary anonymity can be arranged by setting up a bogus system (site **name**) or an **anonymous** network. Either of these alternatives has the same risks as does the operation of a clandestine radio transmitter. The secret to remaining unidentified is not to stay 'on the air' too long. An anonymous 'server' - special computer sites on the Internet - will forward any piece of **E - mail** and eliminate the **sender**'s **name**. Thus you can have **anonymity**, but not to the administrator of the anonymous server. There are valid reasons for being anonymous, e.g. political newsgroups and newsgroups dealing with recovery ...

...unwanted advertising. Internet has been freewheeling, unregulated, and open to anyone. The anti-ad forces on Internet prevail so far. Advertise on the Usenet (a **message** posting system) and you will receive **electronic mail** bombs, harassing phone calls and graphic death threats. You will be **enveloped** in filthy language. Your home address may be posted on the Internet to millions of people, along with a suggestion that your house be burned down. Your name may be forged on a public **message** advocating the assassination of the President. The San Francisco Examiner July 5, 1994. Theft of identity Speculators have registered 8 hundreds of previously unregistered Internet addresses...

...The many commercial Internet providers offer some control alternatives - e.g. public key encryption. The United States Postal Service is preparing to put 'postmarks' on **electronic mail**. USPS would then become a 'trusted' party. This will give **E - mail** the same federal legal protection as traditional mail. UPS will also offer public key encryption for privacy and authentication of the **sender**. USPS will work with online service providers and software houses to integrate applications. Later the service will offer time stamps, and guaranteed return receipts.<sup>10</sup>...

19/3,K/26 (Item 7 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02357988 Supplier Number: 44630430 (USE FORMAT 7 FOR FULLTEXT)  
**BURLINGTON AIR EXPRESS TO HANDLE SHIPMENTS FOR IBM DE MEXICO**  
Air Cargo Report, vl, n4, pN/A  
April 28, 1994  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 417

... he a walk-in; is he referred; did he park his car in the normal spaces provided or did he walk in; and does the **package** have a false name or address, Humphrey noted. People use false **names** and **addresses** either to **hide** their location or to make it harder to track **senders** and **receivers**, he pointed out.

"Does the customer want to pay cash? Most people use business accounts

or credit cards to pay for shipments," Humphrey said. "Do...

19/3,K/27 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03784041 Supplier Number: 45384983  
**Unmasked on the Net: The Finns raid a computer that ferries anonymous messages. Now users fear their secrets are at risk**  
Time, p72  
March 6, 1995  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; General

ABSTRACT:  
Johan Helsingius provides a service that may now be seen by users as insecure. His service, Penet started in 1992, provides InterNet users with an **anonymous mailing address**. Usually **messages** set by **E - mail** have the **senders** address attached in order to provide **recipients** of the **message** with a return address. Helsingius' service stripped the **senders** address and used a randomly generated one. Correspondence could still be entered into by returning **messages** through the Penet. However, Finnish police, armed with a search warrant, recently obtained information about a **sender**. This has prompted 1 user of the service to request removal from Helsingius' database, other users have expressed support for the service.  
...

19/3,K/28 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03695555 Supplier Number: 45230215  
**DIRECT MARKETING- Buying Behavior in the UK**  
Research Studies-ICC Key Notes, p1-69  
Annual, 1995  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
...read their mail, but do not respond to it. Among the regular bi-annual findings from the DMIS are the following: The DMIS claims that **anonymous** mailings ( **sender** not known to **recipient** ) are down from a 19% share of the mailbox in 1989 to 10% in 1993. A rising proportion of mail is perceived by the recipients...

19/3,K/29 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01126157 Supplier Number: 41271161 (USE FORMAT 7 FOR FULLTEXT)  
**An End To Internet Eavesdropping?**  
CommunicationsWeek, p6  
April 9, 1990  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 441

... two main safeguards, according to Steve Crocker, area director for security in the Internet Engineering Task Force and vice president of TIS.

The service prevents **messages** from being read by anyone but the **recipient**, Crocker said, and it ensures that the **sender** and **recipient** are whom they say they are. That means that if a hacker intercepts a **message**, he can't read it. And a hacker or a computer worm program, for example, cannot be **disguised** as an authentic **user**. Each **user** will have a unique data "signature."

Privacy-Enhanced Mail is made up of two security algorithms--the well-known Data Encryption Standard (DES) and RSA...

19/3,K/30 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

10377644 SUPPLIER NUMBER: 21012481  
A spammer in the works. (unsolicited junk electronic mail) (includes related articles)

Meall, Lesley  
Accountancy, v122, n1259, p42(2)  
July, 1998  
ISSN: 0001-4664

LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT: British companies are bearing the cost of unsolicited junk **electronic mail** sent to their employees. Called spams, these junk **e - mails** range from chain letters to get-rich-quick schemes to harassing **messages** to mail with a virus in the attachment that can cause a computer system to crash. Aside from wasting the time of employees, spams waste the money of the company because the cost of downloading them is borne by the **recipient**. Unlike those who send junk mail, who at least have to pay the cost of printing and postage, **senders** of electronic junk mail pay virtually nothing for sending millions of unwanted mails. Fortunately, there are a number of techniques that people can use to combat spamming. These include **not disclosing** their **e - mail address**, using an **e - mail** software that does not accept carbon-copied mail not specifically addressed to the user or direct suspicious mail to a separate folder, and refusing to answer junk **e - mail**.

19/3,K/31 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09977711 SUPPLIER NUMBER: 20162010 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Web problems: is regulation the answer? (indecent materials over the World Wide Web)

Dyson, Esther  
Multichannel News, v18, n49, p86(5)  
Dec 8, 1997

ISSN: 0276-8593 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 7494 LINE COUNT: 00585

... in the U.S. Congress. One, sponsored by Rep. Chris Smith (R-NJ) and based on the U.S. junk-fax law, would make unsolicited **e - mail** illegal. It would let a company send one unsolicited **e - mail** and no more to each **recipient**; unfortunately, the worst spammers keep switching identities. The other bill, from Senator Frank Murkowski (R-Alaska), would require any **sender** to label unsolicited **messages** with a working return address and full physical **address** information, thus outlawing **anonymity**.

These laws don't make a lot of sense. For starters, they'll simply encourage spammers to move overseas. Moreover, they're vague, unenforceable, and...

19/3,K/32 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09748429 SUPPLIER NUMBER: 19773632 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Caught in the Web: combatting work stress in the information age.**  
Statland, Bernard E.  
Medical Laboratory Observer, v29, n8, p82(8)  
August, 1997  
ISSN: 0580-7247 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5164 LINE COUNT: 00393

... of communication  
Synchronous Asynchronous  
Delayed - Letters  
Real time Telephone call Faxes  
Face-to-face conversation E-mail  
Video conferencing Voice mail

Enter the world of **e - mail**. **E - mail** ( **electronic mail** ) can-be contrasted to regular mail (called snail-mail by its detractors). Postal mail relies on a series of intermediaries between **sender** and **recipient**. A letter is often dictated or written in long-hand, typed by a secretary, proofread, read a second or third time to be certain the right meaning is conveyed, and then mailed. A series of **anonymous individuals** handles the mail until it reaches the intended **recipient**. The letter's **recipient** digests the contents of the letter and responds within a day or two, or even longer, depending on whether she is away from the office...

19/3,K/33 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09645439 SUPPLIER NUMBER: 17493628 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Property and privacy in cyberspace. (includes related article)**  
Hurley, Deborah  
OECD Observer, n196, p19(5)  
Oct-Nov, 1995  
ISSN: 0029-7054 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3352 LINE COUNT: 00283

... accountability might hamper the ability to seek redress in the event of, say, defamation since the sender would not be identifiable  
\* the right of a **sender** of a message to **anonymity** v. the right of the **recipient** not to receive unwanted messages, and the ensuing requirement for audit trails; using technological means to filter out some kinds of message may protect the...

19/3,K/34 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09306199 SUPPLIER NUMBER: 19116744 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Pair of products protects e-mail and attachments. (Trend Micro's ScanMail**

for Microsoft Exchange and Authentex Software's ThunderByte Anti-Virus  
for Microsoft Exchange Client anti-virus software) (Software  
Review) (Evaluation)

Drips, Michael  
InfoWorld, v19, n6, p83(1)  
Feb 10, 1997

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 611 LINE COUNT: 00054

ABSTRACT: Trend Micro's \$995 ScanMail for Microsoft Exchange and Authentex Software's \$50 ThunderByte Anti-Virus for Microsoft Exchange Client anti-virus software **packages** both offer a solution for combating and detecting viruses delivered by way of **e - mail**. ScanMail operates on Exchange servers, repeatedly cleaning and scanning mail attachments. The product can also be configured to scan on demand. ScanMail scans both compressed files and mail attachments. ThunderByte protects **users** from viruses **hiding** in **e - mail** attachments or files accessed from a remote non-networked location. The product also sends a notice to both the **recipient** and the **sender** of the infected **e - mail** upon locating a virus.

19/3,K/35 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07299055 SUPPLIER NUMBER: 15548857 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Mission improbable: seamless E-mail integration. (review of Worldtalk Corp's Worldtalk 400 Server and Gateways performance in connecting five E-mail packages on various platforms) (includes related articles on an executive summary, glossary of terms, table- and rule-based address translation, test methods and system configuration used) (Software Review) (Evaluation)**

Petreley, Nicholas; Wonnacott, Laura; Irvin, Steve; Young, Tom  
InfoWorld, v16, n26, p125(8)  
June 27, 1994

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 9764 LINE COUNT: 00788

... when we added new users.

Once the users' X.400 addresses were in the database, we customized the users' aliases so that senders could address **messages** to **recipients** on other **E - mail** systems using the address format familiar to the **senders**. Our user directories were small enough and stable enough to make it easy to customize all the directory entries in a short amount of time. For the most part, we used simple "first **name** -last **name** " **aliases** to make addressing intuitive.

We noted at least one limitation with Worldtalk 400's alias manager and table-based addressing. You could accidentally add a...

19/3,K/36 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

06800063 SUPPLIER NUMBER: 14975913 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**EDI for reengineering business processes. (electronic data interchange)**  
Borthick, A. Faye; Roth, Harold P.

Management Accounting (USA), v75, n4, p32(6)

Oct, 1993

ISSN: 0025-1690

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3508

LINE COUNT: 00288

... enough identifying information to be the sole basis for interchanges over communications networks. To permit interchange, a sequence of functional groups is put into an **envelope** beginning with an interchange header and ending with an interchange trailer. The interchange header/trailer identify the **sender** and the **recipient** to each other and to the communications network for routing and delivery.

Specifying the standards terminology. In EDI terminology, a data field--quantity or price...

19/3,K/37 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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04787441 SUPPLIER NUMBER: 08822106 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**U.S. Customs makes largest monetary instrument seizure in U.S. history;**

**\$135 million in stolen British bonds. (United States Customs Service)**

PR Newswire, 0907DC003

Sept 7, 1990

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 539

LINE COUNT: 00044

... City of London Police. It was during these conversations that the bonds were positively identified as some of those stolen in the London robbery.

The **package** used to transport the stolen bonds has yielded the names and addresses of both the **sender** and **receiver**; however, both U.S. and British authorities are highly skeptical as to whether the names are real. The address used by the **sender** was a hotel in Miami. The **address** in Peru, though known, has **not** been **identified**.

The **name** used by the **sender** was Anthony Gallagher. Customs officials believe the person who dropped off the **package** in Miami, and who had an Irish accent, may have been Gallagher. The name used for the **receiver** is Adela Martinez, of Lima.

The U.S. Customs Service and the City of London Police will jointly investigate the continuing case. The bonds will...

19/3,K/38 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

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00934263

**NRGG, TRIGEN MOVE PECO BATTLE TO PA.; CITE PECO E-MAILS IN ALLEGED SCHEMES**

Global Power Report (was Independent Power Report) April 17, 1998; Pg 1;

Vol. 332, No. 27

Journal Code: COG

ISSN: 1095-6441/97

Word Count: 1,236 \*Full text available in Formats 5, 7 and 9\*

TEXT:

... PECO officials to destroy the contract and the project, according to NRGG and Trigen. In the federal case, they quoted internal PECO e-mails, whose **senders** and **recipients** were **not** always **identified**. A spokesman for NRGG said he could provide no further information on the e-mails, or on how the plaintiffs obtained them. He added that...

19/3,K/39 (Item 2 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

00933987

**NUG BATTLE ESCALATES AS DEVELOPERS ACCUSE PECO OF SUBVERTING PROJECT**  
Electric Utility Week April 13, 1998; Pg 1; Vol. 240, No. 19  
Journal Code: EUW ISSN: 0046-1695  
Word Count: 1,395 \*Full text available in Formats 5, 7 and 9\*

TEXT:  
... subsidiary already owns 33% of Grays Ferry.) These accusations, the developers contend, are illustrated by internal PECO e-mails quoted in the amended complaint, whose **senders** and **recipients** are **not** always fully **identified** in the document. A spokesman for NREGG said he could provide no further details on the e-mails, or on how the developers obtained them...

19/3,K/40 (Item 3 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

0408896

**Rivals Compete for E-mail Standards**  
Unix World July, 1992; Pg 89; Vol. IX, No. 7  
Journal Code: UNIX ISSN: 0739-5922  
Section Heading: Standards  
Word Count: 1,894 \*Full text available in Formats 5, 7 and 9\*

TEXT:  
... user's account name. As with SMTP's DNS, the address is unique, but in X.400 it's stored in binary form in the **e-mail**'s header section. This means the header must be created by a special program called a "user agent," which encodes the address and **packages** the **message** contents for mailing. As a result, the user-agent software can request the address from the **sender** in any appropriate form, and the **address** details can be **hidden** from the **sender** if desired. In addition, because the body of an X.400 **message** can be binary, it's much easier to send non-text **messages** that must be re-encoded for SMTP mail-at least in theory.

In practice, although X.400 may be technically superior to SMTP mail, it  
...

19/3,K/41 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01765271 04-16262

**Consistent, yet anonymous, Web access with LPWA**  
Gabber, Eran; Gibbons, Phillip B; Kristol, David M; Matias, Yossi; Mayer, Alain  
Communications of the ACM v42n2 PP: 42-47 Feb 1999  
ISSN: 0001-0782 JRNL CODE: ACM  
WORD COUNT: 3725

...TEXT: UxonbznP@lpwa.com as his or her alias **email** address. Now the address database at example.com gets sold to spammers. As soon as the user

gets the first piece of junk **email** , he or she can install a local mail filter for the string bdlYnEW0mot3CXUxonbznP. This will eliminate all **email** caused by the selling of the database to spammers; while at the same time **email** from all other sites is unaffected. Most current anti-spam tools filter according to **sender** addresses or keywords, both of which are easily changed by spammers (such as address spoofing). Our method is the first to filter according to the **recipient** address. A spammer who bought the address database from example.com knows the user only as bdlYnEW0mot3CX...

19/3,K/42 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01765269 04-16260

**Anonymous Web transactions with crowds**

Reiter, Michael K; Rubin, Aviel D  
Communications of the ACM v42n2 PP: 32-38 Feb 1999  
ISSN: 0001-0782 JRNL CODE: ACM  
WORD COUNT: 4386

...TEXT: protocols are described in [8].

**Anonymity Properties**

Anonymous communication properties can be characterized on at least three different axes. The first is the type of **anonymity** . Here, we are concerned with **sender anonymity** and **receiver anonymity** , where the **sender** is a Web user and the **receiver** is the Web server. **Sender anonymity** means the **identity** of the **party** who sent a **message** (Web request) is **hidden** , while its **receiver** (and the **message** itself) might not be. **Receiver anonymity** similarly means the **identity** of the **receiver** (Web server) is **hidden** .

The second axis is against what adversaries each type of anonymity is provided. In our case, an adversary can be a Web server, other crowd...

... communication on that path) grows as the crowd size grows, it follows that the probability of absolute privacy approaches 1 as n grows, for both **sender** and **receiver anonymity** against c collaborating crowd members.

Third, use of the crowd offers receiver anonymity against an eavesdropper that can observe all (and only) communication involving the...

19/3,K/43 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01478995 01-29983

**Settlement risk in large-value payments systems**

Shen, Pu  
Economic Review (Federal Reserve Bank of Kansas City) v82n2 PP: 45-62  
Second Quarter 1997  
ISSN: 0161-2387 JRNL CODE: EKC  
WORD COUNT: 9741

...TEXT: to implement DVP for equity security transactions, the payments system must be able to store much more information on the payment

instruction. The instruction must **not** only **identify** the **sender** and the **receiver** (s) of a payment, but also specify the particular security. This additional information would require significant investment in computers and data processing facilities. Further, a...

19/3,K/44 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01169336 98-18731  
**Spec and service for safety**  
Gelinas, Tom  
Fleet Equipment v22n2 PP: 30-33 Feb 1996  
ISSN: 0747-2544 JRNL CODE: FEQ  
WORD COUNT: 1954

...TEXT: in which to react to unexpected objects.

High-tech safety

"One of the more recently available warning systems," Shimell reports, "consists of a small transmitter/ **sender** / **receiver** **concealed** in the front of the unit. This will alert drivers of anything in front of the vehicle and provides up to four seconds of extra...

19/3,K/45 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01130411 97-79805  
**A balancing act**  
Anonymous  
OECD Observer n196 PP: 21 Oct/Nov 1995  
ISSN: 0029-7054 JRNL CODE: OED  
WORD COUNT: 271

...TEXT: accountability might hamper the ability to seek redress in the event of, say, defamation since the sender would not be identifiable

\* the right of a **sender** of a message to **anonymity** v. the right of the **recipient** not to receive unwanted messages, and the ensuing requirement for audit trails; using technological means to filter out some kinds of message may protect the...

19/3,K/46 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00932861 95-82253  
**Collaborative computing's soft underbelly**  
Wood, Charles  
Network World v11n44 PP: SS9-SS13 Oct 31, 1994  
ISSN: 0887-7661 JRNL CODE: NWW  
WORD COUNT: 1683

...TEXT: is to be avoided.

Crypto-anarchy--a significant expansion of lawless behavior concealed using personal encryption systems--could be fostered by networks able to provide **sender / receiver anonymity**, message path untraceability, and blinded digital signatures.

Although still highly speculative, crypto-anarchy could have a profound effect on both society and business. (For more...

19/3,K/47 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00861580 95-10972  
**Communicating realistically: Taking account of politics in internal business communications**  
Fimbel, Nancie  
Journal of Business Communication v31n1 PP: 7-26 Jan 1994  
ISSN: 0021-9436 JRNL CODE: JBC  
WORD COUNT: 8037

...TEXT: Figure 1 summarizes Steele's findings.) (Figure 1 omitted)

To return to Dulek and Fielden: They argue that the degree of political risk to the **message sender** should determine the organization, tone, and style of business **messages**. Their book assumes that the most risky **messages** are those that convey negative information about the **sender** or the **sender**'s actions to those with positional authority above the **sender**. Such **messages** may lead to a negative change in the **receiver**'s evaluation of the **sender**'s ability or even to the termination of the **sender**'s employment. By admitting to a mistake, for example, the **sender** risks the loss of the favorable impression he or she has established with the **receiver**, thereby jeopardizing an established power base and alignment with the more powerful **person**. Of course, **not disclosing** a mistake may lead to worse consequences for the organization, other employees, or the individual, and nondisclosure of information is one characteristic of manipulation. Dulek and Fielden do not consider that the sender should withhold negative information. Rather, they recommend that especially risky (negative) **messages** written to superiors in the hierarchy should be organized "circuitously" (indirectly) or "semi-circuitously" should be designed to have a low impact on the audience...

19/3,K/48 (Item 8 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00854154 95-03546  
**Bellcore leads team effort to crack RSA encryption code**  
Messmer, Ellen  
Network World v11n18 PP: 14 May 2, 1994  
ISSN: 0887-7661 JRNL CODE: NWW  
WORD COUNT: 623

...TEXT: private key is kept secret, and their unique public key is published. Whether implemented in hardware or software, public-key systems like RSA's let **users** encrypt documents to **conceal** their content. The **sender** scrambles a **message** with the **receiver**'s public key; the **receiver** unscrambles it with his private key. Unlike private-key

technology in which the **sender** and **receiver** share the same key, public key lets users sign electronic documents with digital signatures and, through a process called hashing, verify that documents they receive...

19/3,K/49 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00607253 92-22356

**The Three Faces of E-Mail**

Nelson, Fritz; Karpis, Marios  
InfoWorld v14n14 PP: 105-116 Apr 6, 1992  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 12083

...TEXT: 2.0, the DaVinci Windows client, Version 1.8 (Version 2.0 is in the works), and MacAccess 1.0.

**MESSAGING FEATURES**

When addressing a **message** with DaVinci, you can choose from a subset of the master mail directory (a personal address list), personal groups of **recipients**, or select from the main directory. **Address** lists allow for mail **aliases**. Some of DaVinci's advanced **message** sending features allow you to set expiration dates on **messages** and deadlines for **message** responses. The **sender** can also specify which mail users will be included in any replies.

Users can attach multiple files to a DaVinci mail message. This process can ...

19/3,K/50 (Item 10 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00364129 87-22963

**Networks Without User Observability**

Pfitzmann, Andreas; Waidner, Michael  
Computers & Security v6n2 PP: 158-166 Apr 1987  
ISSN: 0167-4048 JRNL CODE: CSC

...ABSTRACT: anonymity is impossible, so reasonable models of possible attackers are needed. A definition of what must be kept hidden also is needed. Possibilities include: 1. **recipient anonymity**, 2. **sender - recipient unlinkability**, and 3. **sender anonymity**. Performance, including transfer delay and throughput, must be maintained. The performance of these forms of anonymity depends on how they are physically implemented, which also...

19/3,K/51 (Item 1 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2003 IDG Communications. All rts. reserv.

068094

**Hiding out on the Internet**

Byline: Ellen Messmer and Denise Pappalardo  
Journal: Network World Page Number: 1

Publication Date: August 10, 1998  
Word Count: 805 Line Count: 73

Text:

**Hiding** your **identity** on the 'Net isn't easy given that IP addresses and domain names give clues about who and where you are. On top of that...

...up based here, wants to change that with new desktop software which will enable Internet users to keep their identities secret while Web browsing, sending **e - mail** and participating in chat sessions. While the Windows software could be put to criminal use, it might also attract companies that want to discretely conduct...

... get things rolling. While an enterprise could also host ZKS software on its servers, the start-up is counting on ISP support to create "an **anonymity** cloud" through which **users** can cruise the Internet without a trace, said Austin Hill, founder and president of ZKS and former chief technology officer of TotalNet. "If you're a Chinese dissident posting **messages** for freedom, for instance, nobody is going to be able to go to an ISP and say we need your help tracking him down," Hill said. "The ISPs can't be held responsible anymore for the actions of their **users**." ZKS software in actionThe **Anonymous** IP Protocol enables **users** to select up to any of five different pseudonyms, while ZKS desktop software encrypts outgoing traffic and wraps it in User Datagram Protocol (UDP) packets...

... may degrade performance. At the final server, the output funnel in ZKS' parlance, traffic is spit out unencrypted with an IP address untraceable by the **recipient**. The process is known as onion routing, a technology that Hill said could end up as a request for comment at the Internet Engineering Task...

... services but aren't entirely comfortable with complete, untraceable anonymity. ZKS' technology appears as though it would make it next to impossible to track down **senders** of death threats, hate mail and other such traffic, said Michael O'Dell, vice president and chief scientist at UUNET Technologies, a WorldCom subsidiary. O...

...anonymity services such as those from www. anonymizer.com to do research on the World Wide Web for sensitive projects. If large numbers of Internet **users** end up adopting the ZKS **anonymity** method, business on the Internet is certain to change dramatically, Effross said. That's because Web sites often collect as much data as they can...

19/3,K/52 (Item 1 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
(c) 2003 The Dialog Corp. All rts. reserv.

00610334

**Thousands of daily junk e-mails threaten to congest Internet,**  
COMMUNICATIONS DAILY

June 18, 1998 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: WARREN PUBLISHING INC.  
LANGUAGE: ENGLISH WORD COUNT: 337 RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:

Thousands of daily junk **e - mails** threaten to congest Internet,

force construction of new networks and raise cost of using service for consumers, Senate Communications Subcommittee hearing Wed. was told by lawmakers and panelists. Panelists generally agreed that unsolicited bulk **e - mail**, which they said represents 30% of all **e - mail** traffic, is among "most serious" issues facing Internet. They also expressed concern that many spammers **hide** their **identities**, falsify return **addresses**, refuse to stop sending **e - mails** upon request. FTC Comr. Sheila Anthony said agency's **e - mail** basket where consumers can forward fraudulent junk **e - mail** has collected more than 100,000 **messages** and receives 1,500 daily. America Online Assoc. Gen. Counsel Randall Boe said "problem is not just that junk **e - mail** tends to promote hoaxes, scams and get-rich schemes, it is the sheer volume that confronts many users every time they open their mailbox." Another problem is that costs are paid by **receiver** -- not **sender** -- unlike traditional junk mail. Commercial **e - mailers** can send thousands of **messages** inexpensively and consumers bear cost through more time spent online or higher monthly charges. But lawmakers and panelists, while agreeing that spamming restrictions in antislamming...

...and Chmn.

Burns (R-Mont.) agreed. Center for Democracy & Technology Council Deirdre Mulligan praised bill as good first step, but worried that "definition of commercial **e - mail** is overbroad and may unconstitutionally prohibit anonymous, noncommercial speech." Rep. Smith (R-N.J.), who testified, advocated more spamming curbs and promoted proposed Netizens Protection Act (HR-1748) that would extend antijunk fax law to spam. He was supported by Ray Everett-Church of Coalition Against Unsolicited Commercial **E - mail**.

19/3,K/53 (Item 2 from file: 696)

DIALOG(R)File 696:DIALOG Telecom. Newsletters  
(c) 2003 The Dialog Corp. All rts. reserv.

00581921

**Industry Group Backs Voluntary Internet Privacy Guidelines**

Telecommunications Reports

December 15,1997 VOL: 63 ISSUE: 50 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: BRP PUBLICATIONS

LANGUAGE: ENGLISH

WORD COUNT: 897

RECORD TYPE: FULLTEXT

(c) BRP PUBLICATIONS All Rts. Reserv.

TEXT:

...ITI explained that some services allow consumers to surf the Web anonymously by retrieving requested documents from a Web site **without revealing the identity** of the requester. **Anonymous** remailer services allow **e - mail** to be sent to a person or news group without the **recipient** 's knowing the name or the **e - mail** address of the **sender**. This service can be used to stop harassment and "spamming." ...

19/3,K/54 (Item 1 from file: 369)

DIALOG(R)File 369:New Scientist

(c) 2003 Reed Business Information Ltd. All rts. reserv.

00104173 14519682.500 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Identity crisis on the Internet: Well-connected Internet users who distribute secret or sensitive information without revealing their names**

are playing havoc with national laws  
ARTHUR, CHARLES  
New Scientist, vol. 145, no. 1968, p. Page 14  
March 11, 1995  
LANGUAGE: English RECORD TYPE: Fulltext DOC. TYPE: Journal  
WORD COUNT: 1862

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to the Internet that forwards electronic mail or files to other addresses on the network. But it also strips off the "header" part of the **messages**, which shows where they came from and who sent them. All the **receiver** can tell about a **message**'s origin is that it passed through the remailer. Some remailers also allocate each sender an "**anonymous ID**", rather like a PO box number, which it stores with the **sender**'s address so that any replies reach them.

These anonymous remailers were invented by security experts interested in whether it was possible to send a...

19/3,K/55 (Item 1 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1392804 LAW041  
All I Want for Christmas is a Safe PC...

DATE: December 16, 1998 08:02 EST WORD COUNT: 583

... newly acquired eSafe Protect line of "Gateway-to-Desktop" software security solutions protects both the PC and the network from the recent and harmful, holiday **email** vandals. These vandals come in the form of unsuspecting holiday greetings, but do much more than spread seasonal joy. One example steals documents from your hard drive, then **emails** the documents to an **anonymous** Hotmail **address** -- all without the **recipient**'s, and the **sender**'s, knowledge.

"These days, you'd be hard pressed to find one person who hasn't received, and sent, an electronic holiday greeting via email...

19/3,K/56 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0868249 BW1245

PRO LIFE UNION: Department of Public Welfare Subsidizes Planned Parenthood Marketing Campaign with Unauthorized State Funds

June 18, 1998

Byline: Business Editors

...a 1-800 number at the DPW. When used, callers were told to contact Planned Parenthood.

In January, 1998, another mailing was sent to Medicare **recipients**. The envelope did **not** **identify** the **sender**. Inside was a

Planned Parenthood brochure showing a 1-800 number. When used, the caller was automatically linked to the nearest Planned Parenthood entity, the...  
?